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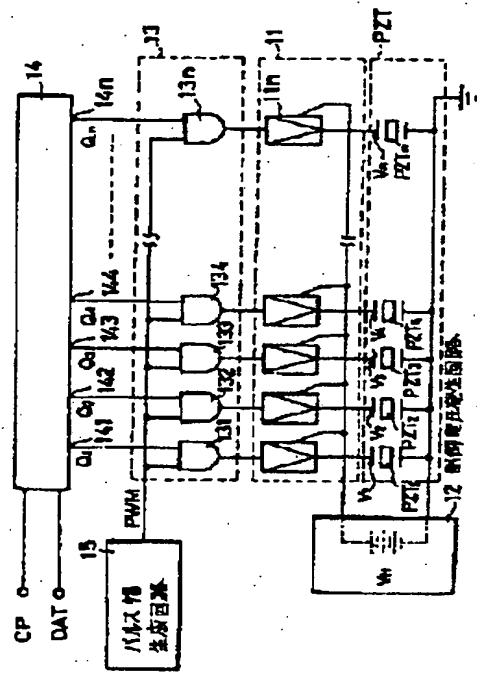
APPLICATION DATE : 16-04-91
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APPLICANT : SHARP CORP;

INVENTOR : ISHII HIROSHI;

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TITLE : DRIVE CIRCUIT OF INK JET
MULTINOZZLE HEAD



ABSTRACT : PURPOSE: To provide an ink jet multinozzle head which can be miniaturized because of a simple circuit and is of a low cost.

CONSTITUTION: The title drive circuit of an ink jet multinozzle head is equipped with a shift register 14 which outputs pulse signals Q_1 - Q_n generated by synchronizing a data with a specific clock signal CP, a plurality of data circuits 131-13n which modulate pulse widths of pulse signals Q_1 - Q_n outputted from output terminals 141-14n of the shift register 14 based on a common pulse signal PWM outputted from a pulse width generating circuit 15, and a plurality of high pressure proof amplifiers 111-11n which impress voltage to a plurality of piezoelectric elements PZT_1 - PZT_n based on the pulse signal PWM modulated with a plurality of data circuit 131-13n.

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